

SNAP FITTING ELECTRICAL CONNECTOR

ABSTRACT OF DISCLOSURE

An electrical connector having an inlet end and an outlet end wherein the leading or outlet end is provided with a pair of spaced apart shoulders defining therebetween an annular recess and a snap fit retainer ring fitted onto the outlet end, the retainer ring having at least two series of spring tangs blanked out of the plane thereof, and which tangs are formed to effect a positive grounding connection with an associated electric box in the event any slight deviations are encountered within the parameters of the adopted standards, and whereby the annular recess functions to provide a relief for the spring tangs to facilitate and minimize the required insertion force and to insure a positive ground connection between the connector and the electrical box in the assembled position. In another form of the invention, the snap fit retaining ring is provided with longitudinally and/or laterally spaced depressions transversely the width of the snap fit retaining ring for use on a connector formed with a threaded end.